

# DSC-T77/P

The ultra-slim Sony® Cyber-shot® DSC-T77 digital camera features a 3.0"¹ widescreen LCD touch-screen display, Optical SteadyShot™ image stabilization to compensate for camera shake, and Smile Shutter™ technology, which helps you capture a smile the moment it happens. Choose from five sophisticated colors to reflect your personal style.

- **10.1 Megapixel Super HAD™ CCD Image Sensor**  
A powerful 10.1 megapixel 1/2.3" Super HAD™ CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail. With 10.1 megapixels, you can create stunning, photo-quality prints up to A3 size, or crop your images and still come away with high resolution shots.
- **Carl Zeiss® Vario-Tessar® 4x Optical Zoom Lens**  
The newly developed Carl Zeiss® Vario-Tessar® lens enables close-up shooting up to just 0.4" (1cm) from the subject (in Magnifying Glass Mode), while the optical 4x telescopic zoom offers superior visual acuity for a compact digital camera.
- **3.0"¹ Clear Photo LCD Plus™ Touch Screen Display**  
Compose and review images on a 3.0"¹ widescreen Clear Photo LCD Plus™ (230K) display, and use the touch screen to navigate menus, specify where you want the camera to focus, or zoom in on the pictures you've taken for a closer look at details.
- **BIONZ™ imaging processor**  
The BIONZ™ Imaging Processor delivers the high resolution and fast performance you expect from a Sony® digital camera.
- **Ultra-slim design**  
The DSC-T77 packs a lot of performance into an ultra-slim design. Measuring less than 5/8" (15.0mm), the DSC-T77 is slim enough to slip into a pocket, so you can take it with you wherever you go.
- **Available in five sophisticated colors**  
The Cyber-shot® DSC-T77 is available in five sophisticated colors: silver, black, green, pink and brown.



- **Face Detection technology**  
Face Detection technology detects up to eight individual faces and controls flash, focus, exposure, and white balance to deliver accurate, natural skin tones with reduced red-eye for beautiful images of family and friends. Face Detection can even distinguish between children and adults, so you can prioritize the camera's focus on children in the scene for clear images of their memorable moments.
- **Smile Shutter™ technology**  
The popular Smile Shutter™ technology automatically detects and captures a smiling face. Simply choose the Smiley Face feature and the camera will capture a smile the moment it happens. You can also select subject priority (Adult or Child Priority or touch subject on screen) and indicate the degree of Smile Detection Sensitivity to high (small smile), medium (laugh) or low (grin).
- **Double Anti-blur Solution**  
The combination of Optical SteadyShot™ image stabilization and High ISO sensitivity helps compensate for shaky hands, minimizes blur and allows flash-free shooting to preserve the mood.
- **Optical SteadyShot™ image stabilization**  
Optical SteadyShot™ image stabilization uses a built-in gyro sensor to detect camera shake and automatically shifts the lens to help prevent blur without sacrificing image quality.
- **High Sensitivity ISO 3200**  
High ISO allows for faster shutter speed, so you can take pictures indoors or in low light without the need for a flash. In addition to High Sensitivity Mode (ISO), you can select up to eight ISO settings (Auto, 80, 100, 200, 400, 800, 1600, 3200) when shooting in Program Auto Mode to adjust sensitivity to your shooting conditions.

## ADDITIONAL FEATURES

- Intelligent Scene Recognition
- Dynamic Range Optimizer Standard and Plus
- Anti-blink Function
- Red-eye Correction
- Convenient Photo Modes
- MPEG Movie VX Fine Mode
- Semi-manual focus
- 9-Point Auto Focus
- Burst Mode
- Function Guide
- Easy Shooting Mode
- 16:9 High Resolution Mode
- 15MB⁵ internal memory
- Memory Stick Duo™ Media Convenience
- Stamina® Battery Power
- Easy Image Management
- HDTV Compatibility⁶
- PhotoTV HD
- Wide Zoom display
- PHOTOMUSIC feature³
- In-Camera Retouching Tools
- Creative Painting Tools
- Multi-purpose Resize function
- Picture Motion Browser (PMB) ver. 3.2⁴



# DSC-T77/P

## Specifications

### General

Megapixel: 10.1 Megapixels  
Imaging Device: 1/2.3 type (7.70mm) Super HAD CCD  
Recording Media: Approx. 15MBoptional Memory Stick Duo™ Media, optional Memory Stick PRO Duo™ Media

### Convenience

White Balance: Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / Underwater White Balance Mode - Auto, Underwater 1, Underwater 2, Flash

Self Timer: Yes (10 seconds, 2 seconds, Off)  
Memory Stick PRO™ Media Compatibility: Tested to support up to 16GB Memory Stick DUO PRO™ media capacity\*; does not support Access Control security function.

Still Image Mode(s): Normal (JPEG) / Burst (JPEG) / Bracketing (JPEG) - AE(Plus / Minus 0.3EV / 0.7EV / 1.0EV)

Red-Eye Reduction: Auto / On / Off

Burst Mode: Max 100 shots at Approx.1.6 fps

Date/Time Stamp: No/ No

Media/Battery Indicator: Yes/Yes

Color Mode(s): Normal / Vivid / Sepia / B&W

### Convenience Features

Real Imaging Processor™ Technology: BIONZ™

AF Illuminator Light: Auto / Off

PictBridge Compatible: Single / Select / Date / Event / Favorites / Folder

Multi-Pattern Measuring: Yes

Scene Mode(s): Auto Adjustment / Easy Shooting / Program Auto / Movie / High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Hi-speed Shutter / Underwater / Gourmet / Auto Adjustment

Movie Mode(s): 640(Fine) (VX Fine, 640 x 480, Approx.30fps) / 640 (Standard)(VX Standard, 640 x 480, Approx.16.6fps) / 320 (QVGA, 320 x 240, Approx.8.3fps) /

Power Save Mode: Yes (after approx. 3 min. of inactivity)

In-Camera Editing: Trimming / Red Eye Correction / Soft Focus / Partial Color / Fisheye Lens / Cross Filter / Retro / Radial Blur / Unsharp Masking / Smile

Super SteadyShot® optical image stabilization: Yes

### Inputs and Outputs

Accessory Terminal: Multi connector

Audio/Video Output(s): Yes via Multi-Use Connector

USB Port(s): Yes - USB2.0 Hi-Speed

HD Output: Yes (1080i)

### Hardware

LCD: 3" Clear Photo LCD Plus 230k dots

Viewfinder: No

Lens Construction: 12 elements in 10 groups (including 4 aspheric elements,1 prism)

Microphone/Speaker: Yes / Yes

Lens Type: Carl Zeiss® Vario-Tessar®

Docking Station: Yes, via optional HD cradle (CSS-HD2)

### Operating Conditions

Flash Effective Range: ISO Auto: Approx.0.08-Approx.3.0m(Approx.0.26'-Approx.9.84')(W)

/ Approx.0.5-Approx.2.4m(Approx.1.64'-Approx.7.87')(T),  
ISO3200: up to Approx.6.0m(Approx.19.7')(W) / Approx.4.8m(Approx.15.7')(T)

Flash Mode(s): Auto / Flash On / Slow Syncro / Flash Off

### Optics/Lens

Focal Length: 6.18-24.7mm

35mm Equivalent: 35-140mm

Focus: 9 pointsCenter Weighted AF / Spot AF / Flexible Spot AF / Semi Manual 1.0m / 3.0m / 7.0m / Unlimited distance

Aperture Range: Auto(F3.5-F10) / Program Auto(F3.5-F10)

Shutter Speed: Auto(1/4 - 1/1,000) / Program Auto(1)

Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step

ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200

Filter Diameter: No

Digital Zoom: Smart Zoom / Precision Digital Zoom / Off

Optical Zoom: 4x

Macro Mode: Auto Macro / Macro On / Close Focus Enabled

Total Zoom: Approx. 8x (Total)

Minimum Focus Distance: Auto/Macro On - W:~8cm - Infinity/T:~50cm - Infinity; Close Focus Enabled - W:~1cm to ~20cm

Face Detection: 8 facesTouch / Auto / Child Priority / Adult Priority

### Power

Battery Type: LITHIUM ION / InfoLITHIUM D type 3.6V

Battery Capacity: 3.6V2.4wh(680mAh)

### Software

Supplied Software: Picture Motion Browser Vers 3.0.02 + USB Driver

Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

### Processor

Bionz™ Engine: Yes

### Dimensions

Weight: Approx. 4.4 oz (126g)

Measurements: W x H x D: 3 3/4" x 2 3/8" x 1 9/32" (93.6mm x 57.2mm x 15.0mm)

### Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

### Supplied Accessories

Rechargeable Battery Pack

Battery Charger

Multi Connector Cable

Wrist Strap

Paint Pen

CD-ROM

Station Plate F

Color: Pink

UPC Code: 027242736054



1. Viewable area, measured diagonally
2. Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ Media (sold separately).
3. Four preset music tracks stored in internal memory. Imported music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot® camera.
4. Requires Windows 2000 Professional SP4, Windows XP SP2, or Windows Vista. Not supported by Mac OS.
5. A portion of the memory is used for data management.
6. HD Viewing requires an HD output adapter cable (VMC-MHC1) or Cyber-shot Station® (CSS-HD2) cradle and HDTV. All sold separately.
7. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions.

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